

Experience Codes (SF254 Blocks 10 & 11)

1 **ACOUSTICS**
NOISE ABATEMENT

2 **AERIAL PHOTOGRAMMETRY**
AERIAL PHOTO INTERPRETATIONS
ANALYTICAL AERIAL TRIANGULATION

3 **AGRICULTURAL DEVELOPMENT**
FARM MECHANIZATION
GRAIN STORAGE

4 **AIR POLLUTION CONTROL**
AIR MONITORING ANALYSIS
AIR QUALITY
AIR RESOURCES MONITORING

5 **AIRPORTS; NAVAIDS; LIGHTING; FUELING**
AIRPORT AIRCRAFT FUELING
AIRPORT NAVIGATION AIDS
AIRPORT NAVIGATION LIGHTING

6 **AIRPORTS; TERMINALS & HANGARS; FREIGHT**
AIRPORT FREIGHT HANDLING
AIRPORT HANGERS
AIRPORT TERMINALS
FAA TRAFFIC CONTROL TOWERS

7 **ARCTIC FACILITIES**

8 **AUDITORIUMS & THEATERS**
AUDITORIUMS
THEATERS

9 **AUTOMATION; CONTROLS; INSTRUMENTATION**
AUTOMATED DESIGN
AUTOMATION
AUTOMATION CONTROLS
AUTOMATION INSTRUMENTATION
CONTROL SYSTEMS REQUIREMENT SPECIFICATIONS
INSTRUMENTATION & CONTROLS
SPECIAL HORIZONTAL GUIDANCE

10 **BARRACKS; DORMITORIES**
BARRACKS
DORMITORIES

11 **BRIDGES**
BRIDGE INSPECTION
BRIDGE REPAIR

12 **CEMETERIES (PLANNING & RELOCATION)**
CEMETERIES PLANNING
CEMETERIES RELOCATION

13 CHEMICAL PROCESSING & STORAGE

CHEMICAL DEVELOPMENT
CHEMICAL PROCESSING
CHEMICAL STORAGE
CHEMICAL TESTING OF PRODUCT
PYROLYSIS

14 CHURCHES; CHAPELS

CHAPELS
CHURCHES

15 CODES; STANDARDS; ORDINANCES

CODES
ORDINANCES
STANDARDS

16 COLD STORAGE; REFRIGERATION; FAST FREEZE

CHILLER PLANTS
COLD STORAGE
FAST FREEZE
REFRIGERATION

17 COMMERCIAL BUILDINGS (LOW RISE)

DEPARTMENT STORES
GREENHOUSE
MORTUARY
SHOPPING CENTERS
STANDARD BUILDING DESIGN
TRADE MARTS

18 COMMUNICATIONS SYSTEMS; TV; MICROWAVE

ANTENNA FOUNDATION
BROADCAST FACILITIES
CLOSED CIRCUIT TV
COMMUNICATIONS CENTER
COMMUNICATIONS SYSTEMS
MICROWAVE
RADIO FACILITIES
RADIO STATION
TELEVISION STUDIES
TV/TV FACILITIES

19 COMPUTER FACILITY; COMPUTER SERVICE

BUILDING SYSTEMS
COMPUTATIONAL ANALYSIS CODE DEVELOPMENT
COMPUTER CARTOGRAPHY
COMPUTER CONTROLLED MECHANICAL SYSTEM
COMPUTER ENERGY ANALYSIS
COMPUTER FACILITIES
COMPUTER MANAGEMENT
COMPUTER SERVICE
DIGITIZING SERVICES
ESTUARINE COMPUTER MODELING
HEALTH FACILITY PROGRAMMING
SOFTWARE DEVELOPMENT SERVICE
SYSTEMS ANALYSIS

20 CONSERVATION & RESOURCE MANAGEMENT

ANALYSIS & CONSERVATION OF MATERIALS
ANIMAL RESOURCES
ASSESSMENT OF ENVIRONMENTAL RESOURCES
CONSERVATION MANAGEMENT
NATURAL RESOURCE PLANNING
NATURE CENTERS
RAW MATERIAL STOCKPILE INVENTORY
RESOURCE INVENTORY
RESOURCE MANAGEMENT
RESTORATION MANAGEMENT

SCIENCE RESOURCES

21 **CONSTRUCTION MANAGEMENT**
BUILDING MATERIALS CONSERVATION
EXCAVATION BRACING
PROJECT COORDINATION
PROJECT DEVELOPMENT REPAIR
PROJECT MANAGEMENT
RETAINING WALLS
START-UP OPERATION CONSULTING

22 **CORROSION CONTROL; CATHODIC PROTECTION**
CATHODIC PROTECTION
CORROSION CONTROL
ELECTROLYSIS

23 **COST ESTIMATING**

24 **DAMS (CONCRETE; ARCH)**
ARCHITECTURAL (DAMS)
CONCRETE DAMS
DAMS (ARCHITECTURAL)
DAMS (CONCRETE)

25 **DAMS (EARTH; ROCK); DIKES; LEVEES**
BRACING (DAMS)
COFFERDAMS
DAMS (BRACING)
DAMS (EARTH/ROCK)
DIKES
EARTH DAMS
LEVEES
LOCKS
ROCK DAMS
TIE-BACKS

26 **DESALINIZATION (PROCESS & FACILITIES)**
DESALINIZATION FACILITIES
DESALINIZATION PROCESS
SALT WATER HANDLING FACILITIES
SALT WATER HANDLING OPERATION

27 **DINING HALLS; CLUBS; RESTAURANTS**
CLUBS
DINING HALLS
RESTAURANTS

28 **ECOLOGICAL & ARCHEOLOGICAL INVESTIGATIONS**
ARCHEOLOGICAL INVESTIGATIONS
ARCHAEOLOGICAL STUDIES
ARCHAEOLOGICAL SURVEYS
ECOLOGICAL & HEALTH BENEFITS ANALYSIS
ECOLOGICAL INVESTIGATIONS
ECOLOGICAL MODELING
THERMAL PLUME STUDIES

29 **EDUCATIONAL FACILITIES; CLASSROOMS**
CLASSROOMS
COLLEGE CAMPUS DESIGN
COLLEGE RETAINER
EDUCATIONAL FACILITIES
H.T. TRAINER FACILITIES
PHYSICALLY HANDICAPPED TEACHING FACILITIES
PORTABLE CLASSROOMS
SCHOOL ADDITIONS
SCHOOL RENOVATIONS
SCHOOLS
SCHOOLS FOR THE HANDICAPPED
SPECIALIZED TRAINING FACILITIES
UNIVERSITY DESIGN
VOCATIONAL TECHNICAL INSTITUTES

- 30** **ELECTRONICS**
ELECTRONIC MANUFACTURING
ELECTRONIC RESEARCH
- 31** **ELEVATORS, ESCALATORS, PEOPLE MOVERS**
ELEVATORS
ESCALATORS
PEOPLE MOVERS
- 32** **ENERGY CONSERVATION; NEW ENERGY SOURCES**
AUTOMATED ENERGY MANAGEMENT
BIOMASS CONVERSION
ENERGY CONSERVATION
ENERGY IMPACT ANALYSIS
ENERGY LOSS STUDIES
ENERGY POLICY ANALYSIS
ENERGY STUDIES
GEOTHERMAL RESOURCES DEVELOPMENT
GEOTHERMAL RESOURCES UTILIZATION
HYDROTHERMAL STUDIES
NEW ENERGY SOURCES
TOTAL ENERGY STUDIES
- 33** **ENVIRONMENTAL IMPACT STUDIES**
BALANCING AIR & WATER
ENERGY & ENVIRONMENTAL STUDIES
ENVIRONMENTAL GUIDELINES
ENVIRONMENTAL IMPACT ASSESSMENTS
ENVIRONMENTAL IMPACT STATEMENTS
PRE-CONSTRUCTION ENVIRONMENTAL SURVEY
SPECIAL ENVIRONMENTAL ANALYSIS
SPECIAL ENVIRONMENTAL STUDIES
- 34** **FALLOUT SHELTERS, BLAST-RESISTANT DESIGN**
BLAST RESISTANT DESIGN
- 35** **FALLOUT SHELTERS**
FIELD HOUSES; GYMS; STADIUMS
ATHLETIC FACILITIES (INDOOR & OUTDOOR)
FIELD HOUSES
GYMS
HEALTH SPAS
STADIUMS
- 36** **FIRE PROTECTION**
FIRE ALARM SYSTEMS
FIRE DEFENSE STUDIES
FIRE DEPARTMENTS
FIRE DETECTION & ALARM SYSTEMS
FIRE PROTECTION SURVEYS
- 37** **FISHERIES; FISH LADDERS**
FISH LADDERS
FISHERIES
- 38** **FORESTRY & FOREST PRODUCTS**
FOREST DEVELOPMENT ROADS
FOREST PRODUCTS
FORESTRY
- 39** **GARAGES; VEHICLE MAINTENANCE FACILITIES**
GARAGES
PARKING DECKS
VEHICLE MAINTENANCE FACILITIES
- 40** **GAS SYSTEMS (PROPANE,NATURAL,ETC.)**
GAS SYSTEMS
NATURAL GAS SYSTEMS
PROPANE GAS SYSTEMS

- 41** **GRAPHIC DESIGN**
CONCEPTUAL DESIGN
DRAFTING SYSTEM CONSULTATION
DRAFTING, SCRIBING, & REPRODUCTIONS
VISUAL IMPACT ASSESSMENT
- 42** **HARBORS; JETTIES; PIERS; TERMINALS**
DOCKSIDE CRANES
DRY DOCK
DRY DOCK CLOSURE
FLOATING CAISSONS
FLOATING DRY DOCKS
FLOATING PLATFORMS
GRAVING DOCKS & DOCK GATES
HARBORS
JETTIES
PIERS
SHIP TERMINAL FACILITIES
SHIPBOARD CRANES
- 43** **HEATING; VENTILATION; AIR CONDITIONING**
AIR CONDITIONING
CENTRAL THERMAL PLANTS
CONVERSION TO ELECTRIC HEAT
EXHAUST SYSTEMS
HEATING
VENTILATING
- 44** **HEALTH SYSTEMS PLANNING**
MENTAL HEALTH
PUBLIC HEALTH
- 45** **HIGHRISE; AIR-RIGHTS-TYPE BUILDINGS**
AIR-RIGHTS-TYPE BUILDINGS
HIGHRISE TYPE BUILDINGS
- 46** **HIGHWAYS, STREETS, AIRFIELD PAVING**
AIRFIELD PAVING
AIRPORT APRONS & RUNWAYS
AIRPORTS
HIGHWAYS
PARKING LOTS
PAVING FOR AIRPORTS
SITEWORK & PAVING FOR AIRPORTS
SPECIAL HIGHWAY SYSTEMS
STREETS
- 47** **HISTORICAL PRESERVATION**
HISTORIC BUILDING MAINTENANCE
HISTORICAL STUDIES
PRESERVATION PLANNING
RESEARCH HISTORIC BUILDING MATERIALS
- 48** **HOSPITALS & MEDICAL FACILITIES**
DENTAL OFFICE COMPLEX
HOSPITALS
MEDICAL FACILITIES
MEDICAL OFFICES
MENTAL HEALTH FACILITIES
PATHOLOGICAL WASTE
VETERINARIAN CLINIC
- 49** **HOTELS; MOTELS**
HOTELS
MOTELS
- 50** **HOUSING (RESIDENTIAL, MULTI-FAMILY)**
APARTMENTS
CONDOMINIUMS
EMERGENCY HOUSING
FACILITIES FOR THE AGED
HOUSING (RESIDENTIAL)
MULTI-FAMILY HOUSING
PRIVATE RESIDENCE
SMALL RESIDENTIAL (INCLUDING ADDITIONS)

51 YOUTH GROUP HOMES
HYDRAULICS & PNEUMATICS

52 **INDUSTRIAL BLDGS;MANUFACTURING PLANTS**
ASPHALT PLANTS
AUTO SALES & REPAIR
AUTOMOBILE TESTING FACILITIES
CARBON GRAPHITIZING PLANTS
COMMUNICATION HQ BUILDINGS
FOOD PROCESSING PLANTS
FOOD PRODUCTION FACILITIES
LAUNDRY
MANUFACTURING PLANTS
MEAT PROCESSING PLANT
PETROCHEMICAL PLANTS
PLANT ENGINEERING WORK
PRINTING PLANT
PROTECTIVE MATERIAL FABRICATION FACILITIES
PUBLISHING & EXECUTIVE OFFICES
PULP & PAPER FACILITIES
READY MIX PLANT CEMENT
SEWAGE PLANT ENCLOSURE BUILDINGS
TELEPHONE BUILDING
TELEPHONE EXCHANGE BUILDING
UTILITY COMPANY FACILITIES

53 **INDUSTRIAL PROCESSES, QUALITY CONTROL**
CONTROL SURVEYS
HIGH TEMPERATURE PROCESS
INDUSTRIAL PROCESSES
INVENTORY/DISTRIBUTION STUDIES
PRODUCT IMPROVEMENT/INDUSTRIAL ENGINEERING
PRODUCTIVITY
QUALITY ASSURANCE
QUALITY CONTROL
REHABILITATION OF MACHINERY
RENDERING
THERMAL SCANNING

54 **INDUSTRIAL WASTE TREATMENT**
POLLUTION ABATEMENT FACILITIES
RADIO ACTIVE WASTE DISPOSAL

55 **INTERIOR DESIGN; SPACE PLANNING**
INTERIOR DESIGN
INTERIOR LANDSCAPE DESIGN
OPEN OFFICE SPACE PLANNING
SPACE ANALYSIS
SPACE NEEDS PROGRAMMING
SPACE PLANNING
TENANT FINISH

56 **IRRIGATION; DRAINAGE**
DEWATERING DESIGN & MANAGEMENT
DRAINAGE
IRRIGATION

57 **JUDICIAL & COURTROOM FACILITIES**
COURTROOM FACILITIES
JUDICIAL FACILITIES

58 **LABORATORIES; MEDICAL RESEARCH FACILITIES**
LABORATORIES
MEDICAL RESEARCH FACILITIES

59 **LANDSCAPE ARCHITECTURE**

60 **LIBRARIES; MUSEUMS; GALLERIES**
GALLERIES
LIBRARIES
MUSEUMS

61 LIGHTING (INTERIORS, DISPLAY, THEATER)

DISPLAY LIGHTING
INTERIOR LIGHTING
THEATER LIGHTING

62 LIGHTING (EXTERIORS,STREETS,FIELDS,ETC.)

ATHLETIC FIELD LIGHTING
EXTERIOR LIGHTING
MEMORIALS LIGHTING
STREET LIGHTING

63 MATERIALS HANDLING SYSTEMS; CONVEYORS

CONVEYORS
MATERIALS HANDLING SYSTEM
SORTERS

64 METALLURGY

65 MICROCLIMATOLOGY; TROPICAL ENGINEERING

66 MILITARY DESIGN STANDARDS

67 MINING & MINERALOGY

MINERALOGY
MINING

68 MISSILE FACILITIES(SILOS;FUELS;TRANSPORT)

MISSILE FACILITIES FUELS
MISSILE FACILITIES SILOS
MISSILE FACILITIES TRANSPORT
ROCKET LAUNCH FACILITIES

69 MODULAR SYSTEM DESIGN, PRE-FAB STRUCTURES

MODULAR SYSTEM DESIGN
PRE FAB COMPONENTS OR STRUCTURE
REMOTE SITE CAMP

70 NAVAL ARCHITECTURE; OFF-SHORE PLATFORMS

NAVAL ARCHITECTURE
OFF SHORE PLATFORMS ARCHITECTURE

71 NUCLEAR FACILITIES; NUCLEAR SHIELDING

H E DECONTAMINATION FACILITIES
NUCLEAR FUEL FABRICATION
NUCLEAR GAS STRIPPING
NUCLEAR QUALITY CONTROL
NUCLEAR SHIELDING
NUCLEAR WASTE MANAGEMENT
SPECIAL NUCLEAR SERVICES

72 OFFICE BUILDINGS, INDUSTRIAL PARKS

EMBASSIES
INDUSTRIAL PARKS
INTERPRETATIVE FACILITIES
OFFICE BUILDINGS
OPERATION CENTER
TELEPHONE DIAL OFFICE BUILDINGS
VISITOR & INTERPRETATIVE FACILITIES

73 OCEANOGRAPHIC ENGINEERING

BATHYMETRIC ENGINEERING & SURVEYS
DYE DIFFUSION STUDIES
HYDROGRAPHIC OCEAN ENGINEERING/STUDIES
OCEANOGRAPHIC INSTRUMENTATION
OCEANOGRAPHIC SURVEYS
OFFSHORE ENGINEERING SURVEYS

74 SCIENTIFIC VESSEL SUPPORT
ORDNANCE; MUNITIONS; SPECIAL WEAPONS

MUNITIONS
ORDNANCE
SPECIAL WEAPONS

75 **PETROLEUM EXPLORATION; REFINING**

PETROLEUM PRODUCTION RISER SYSTEM
SHALE OIL
SUBSURFACE EXPLORATION (CONTINUED DRILLING)
SUBSURFACE PETROLEUM COMPLETION SYSTEM

76 **PETROLEUM & FUEL (STORAGE & DIST)**

FUEL DISTRIBUTION
FUEL STORAGE
PETROLEUM DISTRIBUTION
PETROLEUM STORAGE
SUBMARINE PIPELINE FUEL DISTRIBUTION

77 **PIPELINES CROSS-COUNTRY FOR GAS**

PIPELINES
PIPELINES CROSS-COUNTRY FOR LIQUID

78 **PLANNING (COMM., REG., STATE)**

BASIN PLANNING
COMMUNITY PLANNING
DEVELOPMENT PLANNING
HOUSING STUDIES
LONG RANGE PLANNING
MASTER PLANNING/PROGRAMMING
MILITARY MASTER PLANNING
PLANNING (COMMUNITY AREA WIDE)
PLANNING (COMMUNITY REGIONAL)
PLANNING (COMMUNITY STATE)
PLANNING (RESEARCH & DEVELOPMENT)
PRE-AUTHORIZATION STUDIES FOR PLANNING
REGIONAL PLANNING
STATE PLANNING

79 **PLANNING (SITE, INSTALLATION, PROJECT)**

AIRPORT MASTER PLANNING
BASE MASTER PLAN
BICYCLE PLANNING
FACILITIES PLANNING
FACILITIES PROGRAM STUDIES
INSTITUTIONAL PLANNING
LAND USE STUDIES - IN MASTER PLANNING
PEDESTRIAN PLANNING
PLANNING (EDUCATIONAL FACILITIES)
PLANNING (INSTALLATION)
PLANNING (SITE)
PROJECT PLANNING
RECREATION PLANNING
RETAIL STORE PLANNING
SCHOOL PLANNING SITES
SITE SELECTION STUDIES
SPECIAL REPORTS & FACILITIES RELOCATION

80 **PLUMBING & PIPING DESIGN**

PIPING DESIGN
PLUMBING DESIGN

81 **PNEUMATIC STRUCTURE;AIR SUPPORT BLDG**

AIR SUPPORT BUILDINGS
COVERS (AIR/LIQUID SUPPORTED)
INFLATABLE BUILDINGS
PNEUMATIC STRUCTURES

82 **POSTAL FACILITIES**

83 **POWER GENERATION, TRANSMISSION, DIST**

ELECTRIC UNDERGROUND PRIME DISTRIBUTION
ELECTRICAL POWER & DISTRIBUTION
ELECTRICAL TRANSMISSION SYSTEM
LONG DISTANCE TRANSMISSION LINES
MAINTENANCE SYSTEMS
POWER DISTRIBUTION
POWER GENERATION
POWER TRANSMISSION
SPECIAL AUXILIARY POWER SYSTEM

84 UNINTERRUPTIBLE POWER SUPPLY
PRISONS & CORRECTIONAL FACILITIES
CORRECTIONAL FACILITIES
PRISONS

85 **PRODUCT, MACHINE & EQUIPMENT DESIGN**
AERODYNAMIC DESIGN
AIRCRAFT DESIGN
AUTOMATIC SPRINKLER SYSTEM DESIGN
CRANE DESIGN
EMERGENCY GENERATOR DESIGN
EQUIPMENT DESIGN
HEAT PUMP DESIGN
JET ENGINE TEST CELL DESIGN
LABORATORY INCINERATOR DESIGN
MACHINE DESIGN
MAGNETOMETER DESIGN
PRODUCT DESIGN
SPECIAL TEST HARDWARE DESIGN/BUILD
STRADDLE CARRIER DESIGN
TOOL DESIGN

86 **RADAR; SONAR**
RADAR
SONAR

87 **RAILROAD; RAPID TRANSIT**
COMMUTER RAIL
COMMUTER RAIL BRIDGES
COMMUTER RAIL SUBSTATIONS
LIGHT RAIL
RADAR TELESCOPES
RADIO TELESCOPES
RAILROAD
RAILROAD ABANDONMENT STUDIES
RAILROAD GRADE CROSSING SIGNALS
RAILROAD STATIONS
RAPID TRANSIT

88 TRESTLE ELECTROMAGNETIC PULSE
RECREATION FACILITIES (PARKS, MARINAS)
CAMPGROUND FACILITIES
GOLF COURSE
ICE SKATING RINKS
MARINAS
OUTDOOR MUSIC PAVILION
PARKS
RECREATION FACILITIES
ZOOS

89 **REHABILITATION (BLDGS., STRUCTURES,FAC)**
CAISSONS
CORRECTIONS PLANNING
DEMOLITION OF BUILDING SERVICES
MAINTENANCE FACILITIES
MODERNIZING SHIPYARDS
MODIFICATION & ADDITIONS
REHABILITATION (BUILDINGS)
REHABILITATION (EDUCATIONAL FACILITIES)
REHABILITATION (FACILITIES)
REHABILITATION (HOUSING)
REHABILITATION (MEDICAL FACILITIES)
REHABILITATION (STRUCTURES)
REROOFING DESIGN
SHORING (SHEETING, CAISSONS)
SHORING (SPECIAL FOUNDATIONS)
SHORING (UNDERPINNING)
UNDERPINNING & SPECIAL FOUNDATIONS REHAB

90 **RESOURCE RECOVERY; RECYCLING**
MINED LAND RECLAMATION
RECLAMATION PLANNING
RECYCLING
RESOURCE RECOVERY
RESOURCE RECYCLING
STRIP MINE RECLAMATION

91 RADIO FREQUENCY SYSTEMS & SHIELDINGS

RADIO FREQUENCY SHIELDINGS
RADIO FREQUENCY SYSTEMS
RADIOLOGICAL STUDIES

92 RIVERS; CANALS; WATERWAYS; FLOOD CONTROL

BULKHEADS
CANALS
EROSION CONTROL
FLOOD CONTROL
FLOOD INSURANCE STUDY
HYDROGRAPHIC RIVER ENGINEERING/STUDIES
HYDROGRAPHIC SURVEYS
REVTMENTS
RIVERS
SEAWATER INTRUSION
SHORE EROSION CONTROL
SHORELINE STABILIZATION
WATERWAYS

93 SAFETY ENG.; ACCIDENT STUDY; OSHA STUDY

ACCIDENT STUDIES
DAM SAFETY CONTROL
DEMOLITION STUDIES
EXPLOSION INVESTIGATION
FIRE INVESTIGATION
LIFE SAFETY CODE REVISION
LIFE SAFETY SURVEYS
LIFE SAFETY SYSTEMS
LIFE SAFETY/RISK ANALYSIS STUDY
LIGHTNING PROTECTION
LOSS CONTROL - LIFE SAFETY SURVEYS
OCCUPATIONAL HEALTH STUDIES
OIL SPILL EFFECTS
OSHA STUDIES
SAFETY ENGINEERING
TRAFFIC SAFETY

94 SECURITY SYS.; INTRUDER & SMOKE DETECTOR

INTRUDER SYSTEMS
SECURITY SYSTEMS
SMOKE DETECTION SYSTEM

95 SEISMIC DESIGNS & STUDIES

LAND SEISMIC REFRACT STUDIES
SEISMIC DESIGNS
SEISMIC STUDIES
SHOCK & VIBRATION
VIBRATION ANALYSIS

96 SEWAGE COLLECTION, TREATMENT & DISPOSAL

SEWAGE COLLECTION
SEWAGE DISPOSAL
SEWAGE TREATMENT

97 SOILS & GEOLOGIC STUDIES, FOUNDATIONS

EARTH SCIENCE
ENGINEERING GEOLOGY
GEOLOGIC FOUNDATIONS
GEOLOGIC STUDIES
GEOTECHNICAL STUDIES
IDENTIFICATION OF GEOLOGIC HAZARDS
LANDSLIDE STUDIES
ROCK CORING
ROCK MECHANICS
ROCK REINFORCEMENT STUDIES
SOILS STUDIES
SOILS (TESTING, ANALYSIS, & REPORTS)
SUBSOIL DRILLING

98 SOLAR ENERGY UTILIZATION

SOLAR ENERGY EDUCATION AIDS

99 SOLID WASTES;INCINERATION,LAND FILL

COAL & SOLID WASTE CONVERSION
LAND FILL
SOLID WASTE
SOLID WASTE INCINERATION

100 SPECIAL ENVIRONMENTS; CLEAN ROOMS

CLEAN ROOMS
SANITARY ENVIRONMENTS
SPECIAL ENVIRONMENTS

101 STRUCTURAL DESIGN;SPECIAL STRUCTURES

OPTIMIZATION OF STRUCTURAL SYSTEMS
SPECIAL STRUCTURES
STRUCTURAL DESIGN
STRUCTURAL DETAILING
STRUCTURAL DYNAMICS
STRUCTURAL ENVIRONMENTAL SURVEYS
STRUCTURAL INVESTIGATION REPORTS
STRUCTURAL STEEL DETAILING

102 SURVEYING;PLATTING;MAPPING;FLOOD PLAINS

BOUNDARY & TOPOGRAPHIC SURVEYS
CADASTRAL SURVEYS
CARTOGRAPHY
CONSTRUCTION LAYOUT (SURVEYING)
CONSTRUCTION STAKING
CONSTRUCTION SURVEYS
FLOOD DAMAGE STUDIES
FLOOD PLAIN STUDIES
GRADING & EARTHWORK DESIGN
LAND ACQUISITION MAPPING
MAPPING
MAPPING FLIGHT SERVICES
PHOTOGRAMMETRIC MAPPING
PLOTING SERVICES
PROPERTY SURVEYS
RE-ESTABLISHMENT OF PUBLIC LAND SURVEYS
RECONNAISSANCE SYSTEMS
ROAD LOCATION SURVEYS & R.O.M.
ROUTE SURVEYS
SITE IMPROVEMENTS DRAWINGS
SURVEY DESIGN & CONSTRUCTION STAKING
SURVEY DESIGN & EVALUATION
SURVEY MEASUREMENTS & ENGINEERING REPORTS
SURVEYING
TAX MAPPING & RE-APPRAISAL
UTILITY SURVEY & MAPPING

103 SWIMMING POOLS

NATATORIUMS

104 STORM WATER HANDLING & FACILITIES

STORM WATER FACILITIES
STORM WATER HANDLING

105 TELEPHONE SYSTEMS(RURAL,MOBILE,INTERCOM)

TELEPHONE SYSTEMS (INTERCOM)
TELEPHONE SYSTEMS (MOBILE)

TELEPHONE SYSTEMS (RURAL)

106 **TESTING & INSPECTION SERVICES**

BUILDING EVALUATIONS
CONSTRUCTION INSPECTIONS
INDUSTRIAL RADIOGRAPHY
INSPECTION & ANALYSIS STRUCTURES
INSPECTION SERVICES
MAINTENANCE INSPECTIONS
NDT (NON-DESTRUCTIVE TESTING)
RELIABILITY/MAINTAINABILITY SERVICES
ROCKET TESTING
TECHNICAL INSPECTION/CONSTRUCTION
TESTING SERVICES
TURBOJET ENGINEERING TEST PROGRAM
ENGINE TEST CELLS

107 **TRAFFIC & TRANSPORTATION ENGINEERING**

SHIP WEATHER ROUTING
TEACHING TRAFFIC ENGINEERING
TRAFFIC ENGINEERING
TRAFFIC SIGNAL DESIGN
TRANSIT
TRANSIT PLANNING & MANAGEMENT
TRANSPORT PLANNING & ECONOMIC ANALYSIS
TRANSPORTATION ENGINEERING
TRANSPORTATION - NAVIGATION
TRANSPORTATION SYSTEM ANALYSIS

108 **TOWERS (SELF-SUPPORTING & GUYED SYSTEMS)**

TOWERS (GUYED SYSTEMS)
TOWERS (SELF-SUPPORTING)

109 **TUNNELS & SUBWAYS**

STUDIES FOR UNDERGROUND PLANTS
SUBWAYS
TUNNELS
UTILITY TUNNEL SYSTEMS

110 **URBAN RENEWAL; COMMUNITY DEVELOPMENT**

COMMUNITY DEVELOPMENT
NEW COMMUNITIES
PEDESTRIAN MALL
URBAN DESIGN
URBAN RENEWAL

111 **UTILITIES (GAS & STEAM)**

BOILER - CHILLED WATER PLANTS
BOILER PLANT PROJECTS
BOILERS
GAS UTILITIES
INDUSTRIAL & INSTITUTIONAL STEAM PLANT
STEAM - CHILLED WATER DISTRIBUTION
STEAM PLANT
STEAM UTILITIES

112 **VALUE ANALYSIS; LIFE-CYCLE COSTING**

LIFE-CYCLE COSTING
VALUE ANALYSIS

113 **WAREHOUSES & DEPOTS**

DEPOTS
WAREHOUSES

114 **WATER RESOURCES;HYDROLOGY;GROUND WATER**

ENVIRONMENTAL WATER RESOURCES
GROUND WATER
HYDROLOGY
LININGS FOR POND WATER
LININGS FOR RESERVOIR WATER
SEEPAGE & GROUNDWATER CONTROL
WATER RESOURCES
WATER RESOURCES MONITORING

115 WATER SUPPLY, TREATMENT & DISTRIBUTION

CONDEMNATION (WATER SUPPLY)
IN-PLACE MORTAR PIPE LINING
INFILTRATION/INFLOW STUDIES
MUNICIPAL WASTE WATER TREATMENT FACILITIES
PUBLIC UTILITY DISTRICT
RESERVOIR MODELING
SEAWATER INTAKE/DISCHARGE STRUCTURE
WASTE WATER & WATER ANALYSIS
WASTE WATER MANAGEMENT
WATER ASSESSMENT
WATER DISTRIBUTION SYSTEM
WATER MONITORING
WATER POLICY STUDIES
WATER POLLUTION CONTROL
WATER QUALITY MANAGEMENT
WATER QUALITY MODELING
WATER SUPPLY DISTRIBUTION
WATER SUPPLY TREATMENT
WATER SYSTEM SPECIAL TEST
WATER TREATMENT PLANT
WATER TRUNK MAIN SYSTEM

116 WIND TUNNEL,RESEARCH/TESTING FAC DESIGN

WIND TUNNELS RESEARCH FACILITIES DESIGN
WIND TUNNELS TESTING FACILITIES DESIGN

117 ZONING; LAND USE STUDIES

LAND APPLICATION EVALUATION
LAND USE STUDIES - IN ZONING
REAL ESTATE FEASIBILITY
ZONING

200 AIR TRAFFIC CONTROL PLANNING

AIR TRAFFIC CONTROL TRAINING
AIRWAY SYSTEMS PLANNING

201 MILITARY TERRAIN ANALYSIS

202 AIRBORNE SENSING RADIATION/MAGNETICS

AIRBORNE SENSING MAGNETICS
AIRBORNE SENSING RADIATION

203 ANIMAL SHELTERS

204 ANIMAL TESTING

205 APPRAISALS, RATE STUDIES

APPRAISALS
FINANCIAL STUDIES
LAND APPRAISALS
RATE STUDIES
RIGHT-OF-WAY SERVICES
UTILITY APPRAISALS
VALUATIONS

206 ARCHITECTURAL CONSULTATION/SURVEYS

ARCHITECTURAL CONSULTATION
ARCHITECTURAL FEASIBILITY ANALYSIS
ARCHITECTURAL FEASIBILITY PROGRAM
ARCHITECTURAL SURVEYS

207 AUDIO-VISUAL AIDS,BROCHURES,CHARTS

AUDIO-VISUAL AIDS
AUDIO-VISUAL SYSTEMS
BROCHURES
CHARTS
DESIGN OF MANUALS/GUIDE BOOKS
DISPLAYS
MANUALS
MODELS
OPERATION & MAINTENANCE MANUALS
STREET PICTOMAPS (CHARTS/PRINTING)
TECHNICAL MANUAL PREPARATION
VISUAL AIDS

208 BIO-MEDICAL ENGINEERING

209 CIVIL BUILDINGS & COMMUNITY CENTERS

CITY HALL
CIVIC BUILDINGS
COMMUNITY CENTERS
COMMUNITY FACILITIES/BUILDINGS
CONFERENCE CENTER
CONVENTION CENTER
EXHIBITIONS
FAIRS
FIRE FIGHTING FACILITIES
FIRE HOUSE/STATION
FIRE TRAINING TOWERS
MUNICIPAL CIVIC CENTERS
POLICE STATION
PUBLIC REST ROOMS

210 CLIMATOLOGICAL STUDIES

211 COASTAL ENGINEERING/STUDIES

COASTAL ENGINEERING
COASTAL ENGINEERING STUDIES

212 COLOR SEPARATION

213 CONTRACT ADMINISTRATION/CLAIMS ANALYSIS

CLAIMS ANALYSIS
CLAIMS/CHANGE ORDER ADMINISTRATION
CONTRACT ADMINISTRATION
CONTRACT DISPUTES
CONTRACT MAINTENANCE
CPM SCHEDULING
CRITICAL PATH METHOD SCHEDULING
EVALUATION OF CONSTRUCTION

214 DIVING SURVEYS - CONSTRUCTION

215 DREDGING

216 DREDGING SURVEYS

217 DRILLING & COMPLETION OF WELLS

CONTRACT DRILLING

218 ECONOMIC IMPACT & FEASIBILITY STUDIES

BENEFIT ANALYSIS
BENEFIT COST STUDIES
COST ANALYSIS
COST-BENEFIT ANALYSIS
ECONOMETRIC STUDIES
ECONOMIC BASE STUDIES
ECONOMIC EVALUATION
ECONOMIC IMPACT STUDIES
ECONOMIC MODEL STUDIES
FEASIBILITY STUDIES
FISCAL IMPACT ANALYSIS
UTILITY STUDIES

- 219** **ELECTRICAL DESIGN & STUDIES**
CAMPUS UTILITIES
CURRENT STUDIES (ELECTRICAL CURRENT)
DESIGN OF ELECTRICAL WIRING FOR BUILDINGS
ELECTRICAL DESIGN
ELECTRICAL ENGINEERING
ELECTRICAL FURNACE PLANTS
ELECTRICAL STUDIES
ELECTRICAL SYSTEMS IN BUILDINGS
ELECTRICAL SYSTEMS IN INDUSTRIAL FACILITIES
INTERIOR ELECTRIC POWER DISTRIBUTION/CONTROL
PLANNING ELECTRICAL UTILITIES
- 220** **ENGINEERING CONSULTATIONS & REPORTS**
CONSULTANTS FOR ENGINEERING
ENGINEERING CONSULTATIONS
ENGINEERING REPORTS
INVESTIGATIONS & REPORTS FOR ENGINEERING
REPORTS & STUDIES FOR ENGINEERING
SCIENTIFIC REPORTS
SPECIAL REPORTS & STUDIES FOR ENGINEERING
STUDIES & REPORTS FOR ENGINEERING
TECHNICAL REPORTS
- 221** **ENVIRONMENTAL TESTING & ANALYSIS**
ENVIRONMENTAL ANALYSIS
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL MONITORING
ENVIRONMENTAL TESTING
- 222** **EQUIPMENT RENTAL**
- 223** **FERRY TERMINALS & TRANSFER BRIDGES**
FERRY TERMINALS
FERRY TRANSFER BRIDGES
TRANSFER BRIDGES

- 224** **FINANCE**
CONSTRUCTION FINANCE PACKAGES
FINANCING
GOVERNMENT FINANCIAL ASSISTANCE
GRANT APPLICATIONS
MORTGAGE LOAN CONSULTING
PUBLIC FINANCE
- 225** **GEOPHYSICAL SERVICES**
METEOROLOGY
- 226** **HISTORIC MONUMENTS & MEMORIALS**
HISTORIC MEMORIALS
HISTORIC MONUMENTS
MEMORIALS
MONUMENTAL BUILDINGS
- 227** **INDUSTRIAL DESIGN**
INDUSTRIAL ENGINEERING
- 228** **INDUSTRIAL DEVELOPMENT**
- 229** **INVESTIGATION OF FAILURES**
DAMAGE STUDIES
FAILURES (INVESTIGATION OF)
- 230** **LAKE HABILITATION & MANAGEMENT**
LAKE HABILITATION
LAKE MANAGEMENT
- 231** **LAND SUBDIVISION & DEVELOPMENT**
LAND DEVELOPMENT
SITE ENGINEERING
SUBDIVISION OF LAND

232 **LASER SYSTEMS DEVELOPMENT**

233 **LASHING & SECURING SYSTEMS**

LASHING SYSTEMS
SECURING SYSTEMS

234 **LEGAL**

EXPERT TESTIMONY
INSTITUTIONAL STUDIES
LAW ENFORCEMENT
LITIGATION
WATER RIGHTS

235 **MANAGEMENT**

COMMAND ADMINISTRATION
DECISION ANALYSIS
DESIGN MANAGEMENT
ECONOMIC DEVELOPMENT MANAGEMENT
MAINTENANCE STUDIES/ANALYSIS
MANAGEMENT ANALYSIS
MANAGEMENT CONSULTING
MANAGEMENT SYSTEMS
OPERATION & MAINTENANCE STUDIES
OPERATION STUDIES
OPTIMIZATION STUDIES
ORGANIZATION & MANAGEMENT SERVICES
PROGRAM MANAGEMENT SERVICES
UTILITY MANAGEMENT CONSULTING

236 **MARINE BIOLOGY**

BENTHOS
LIMNOLOGY
MARINE SEDIMENT SAMPLING

237 **MARKET ANALYSIS/RESEARCH**

MARKET ANALYSIS
MARKET ANALYSIS & LOCATION STUDIES
MARKET RESEARCH

238 **MATHEMATICAL MODELING**

FINITE ELEMENT ANALYSIS
STATISTICAL STUDIES
VOLUMETRIC CALCULATIONS

239 **MILITARY FACILITIES, ARMORY**

AEROSPACE FACILITIES
AIR FORCE BASE ENGINEERING COMPLEX
ARMED FORCES RESERVE TRAINING CENTER
ARMORIES
COMMISSARY
EXCHANGE FACILITIES
MILITARY ARMORY
MILITARY FACILITIES
RESERVE CENTER
SPECIALIZED MILITARY TRAINING FACILITIES

240 **MINE DRAINAGE**

ACID MINE DRAINAGE STUDIES

241 **MOBILE HOME DEVELOPMENT**

CAMPING FACILITIES
MOBILE HOME FACILITIES
TRAILER PARKS

242 **MODEL CONSTRUCTION**

243 **MUNICIPAL ENGINEERING**

244 **OBSERVATORY**

245 **PHOTOGRAMMETRY**
ANALYTICAL PHOTOGRAMMETRY
DIGITAL PHOTOGRAMMETRY
ORTHOGRAPHY
PHOTO CONTROL SURVEYS
PHOTO CONTROL SYSTEMS

246 **PLANETARIUM**

247 **POWERHOUSE BUILDING DESIGN**

248 **PRESTRESSED CONCRETE**

249 **PROCUREMENT**
EXPEDITING
LOGISTICS
OVERSEAS PROCUREMENT

250 **PUBLIC RELATIONS**
COMMUNITY AWARENESS PROGRAM
INFORMATION DISSEMINATION
POLITICAL ASSESSMENT
PUBLIC INVOLVEMENT
PUBLIC PARTICIPATION PROGRAM
PUBLIC POLICY EVALUATION

251 **RESEARCH & DEVELOPMENT**
SATELLITE INTERPRETATION

252 **SOCIO ECONOMIC STUDIES**
DEMOGRAPHY
SOCIAL PLANNING
SOCIAL SCIENCE EVALUATION
SOCIO ECONOMIC IMPACT STUDIES
SUBSISTENCE STUDIES

253 **TECHNOLOGY ASSESSMENT**

254 **TECHNOLOGY TRANSFER**

255 **TOXICOLOGY & HAZARDOUS MATERIALS**
AUTOCLAVES
CRYOGENICS
EMERGENCY HAZARDOUS SPILL CONTROL
ENVIRONMENTAL TOXICOLOGY
HAZARDOUS & TOXIC MATERIALS
HAZARDOUS MATERIALS
NON HAZARDOUS SPILL CONTROL
PESTICIDE ANALYSIS
PESTICIDES
REMEDIAL ACTION FEASIBILITY
REMEDIAL ACTION PLANNING
TOXIC MATERIALS
TOXICOLOGY
UNEXPLODED ORDNANCE (UXO)

256 **TRAINING**
EDUCATIONAL PROGRAMS
PUBLIC WORKS PERSONNEL TRAINING
TRAINING (PEOPLE DEVELOPMENT/PRODUCTIVITY)

257 **VALUE ENGINEERING**

258 **WETLANDS**
MARSH PLANT RESTORATION

259 **MICROBIOLOGICAL ANALYSIS**

260 **WEATHER FORECASTING**

<u>261</u>	<u>DESIGN OF HANDICAPPED FACILITIES</u> BUILDING OF HANDICAPPED FACILITIES DESIGN FOR HANDICAPPED ACCESSIBILITY AMERICAN DISABILITY ACT (ADA)	<u>272</u>	<u>CAD (COMPUTER AIDED DESIGN)</u>
<u>262</u>	<u>AQUATIC BIOLOGY</u> AQUATIC NUISANCE CONTROL	<u>273</u>	<u>CADD (COMPUTER AIDED DESIGN & DRAFTING)</u>
<u>263</u>	<u>INERTIAL SURVEY SYSTEM OPERATIONS</u>	<u>274</u>	<u>UNDER GROUND STORAGE TANKS</u>
<u>264</u>	<u>PROJECT & PUBLIC SECURITY PLANNING & DESIGN</u> DESIGN PROJECT PLANNING FOR PROJECTS PLANNING FOR PUBLIC SECURITY PUBLIC SECURITY	<u>275</u>	<u>INDEFINITE DELIVERY (IDT) CONTRACTS</u> OPEN END CONTRACTS
<u>265</u>	<u>ROOFING CONSULTANT SERVICES</u>	<u>276</u>	<u>ENVIRONMENTAL PROTECTION</u> OIL SPILL CONTAINMENT
<u>266</u>	<u>HAZARDOUS WASTE MANAGEMENT</u>	<u>277</u>	<u>ELECTRIC MAGNETIC FIELDS</u> COUPLING DEVICES INDUCTIVE INTERFERENCE STUDIES NOISE REDUCTION
<u>267</u>	<u>INFRARED/MULTISPECTRAL SURVEYS</u>	<u>278</u>	<u>GLOBAL POSITIONING SYSTEMS</u>
<u>268</u>	<u>PLANT OPERATION</u>	<u>279</u>	<u>REMOTE SENSING</u>
<u>269</u>	<u>DESIGN-BUILD</u> TURN KEY	<u>280</u>	<u>GRAPHIC ART</u> VECTORIZATION
<u>270</u>	<u>FINANCIAL ESTABLISHMENTS (BANKS)</u> BANKING FACILITIES BANKS FINANCIAL INSTITUTIONS	<u>281</u>	<u>ASBESTOS ABATEMENT</u>
<u>271</u>	<u>CHILD CARE CENTERS</u>	<u>282</u>	<u>ENVIRONMENTAL SERVICES & ENGINEERING</u> OTHER ENVIRONMENTAL SERVICES LISTED

283 **GEOGRAPHIC INFORMATION SYSTEMS (GIS)**

BASIC GIS

DATA BASE STRUCTURING

DATA CONVERSION

APPLICATION DEVELOPMENT

CONSULTING

